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**Title:** JP52034542A2: AUTOMATIC OPEN-CLOSE DEVICE OF FIRE FAN

**Country:** JP Japan

**Kind:** A (See also: [JP55030095B4](#))

**Inventor:** TAKAHASHI MASAO;  
SHIMOYAMA SHIGEMITSU;

**Assignee:** NIPPON AIR BRAKE CO LTD  
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**Priority Number:** 1975-09-10 JP1975000110265

**Abstract:** PURPOSE: To provide a more practical device of easily closing a fire fan manually or automatically and keeping the close-position as well as returning the closed fan to open state.  
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**(54) AUTOMATIC OPEN-  
CLOSE DEVICE OF FIRE  
FAN**

(57) Abstract:

PURPOSE: To provide a more practical device of easily closing a fire fan manually or automatically and keeping the close-position as well as returning the closed fan to open state.

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